

PATENT
Attorney Docket No. **UM/UC-06646**

IN THE DRAWINGS:

Please replace the original Figure 11 with the substitute Figure 11 attached hereto.

Figure 11

SEQ ID NO:33

Nod2 cDNA sequence

gtagacagat ccaggctcac cagtcctgtg ccactggct tttggcggtc tgacacaaggc	60
ctacccgcag atgccccatgcc tgctccccca gcctaattggg ctttgcgtggg ggaagagggt	120
ggttcagcct ctcacgatga ggaggaaaga gcaagtgtcc tcctcgacata ttctccgggt	180
tgtgaaatgt gctcgacgaa ggctttcag gcacagagga gccagctggc cgagctgctg	240
gtctcagggt cccttggaaagg cttcgagagt gtcctggact ggctgctgtc ctgggaggtc	300
ctctcctggg aggactacga gggcttccac tcctcgcc acgcctcttc ccacttggcc	360
aggcgccttc tggacaccgt ctggaaataag ggtacttggg cctgtcagaa gctcatcgcg	420
gctgcccag aagcccaggc cgacagccag tcccccaagc tgcatggctg ctgggacccc	480
cactcgctcc acccagcccg agacctgcag agtcaccggc cagccattgt caggaggctc	540
cacagccatg tggagaacat gctggacctg gcatggagc ggggttcgt cagccagtat	600
gaatgtgtatg aaatcagggtt gccgatcttc acaccgtccc agaggcaag aaggctgttt	660
gatcttgcca cggtgaaagc gaatggatg gctgccttcc ttctacaaca tggtcaggaa	720
ttaccagtcc cattggccct gcctttggaa gctgccacat gcaagaagta tatggccaag	780
ctgaggacca cggtgtctgc tcagtcgtc tcctcagta cctatgtatgg agcagagacg	840
ctctgcctgg aggacatata cacagagaat gtcctggagg tctggcaga tggggcatg	900
gctggacccc cgcagaagag cccagccacc ctgggcctgg aggagcttt cagcacccct	960
ggcacacctca atgacgtatgc ggacactgtg ctgggtgtgg gtgaggcgaa cagtggcaag	1020
agcacgctcc tgcagcggtc gcacttgctg tgggtgcag ggcaagactt ccaggaattt	1080
ctctttgtct tcccatatcg ctggcgacag ctgcagtgc tggccaaacc actctctgtg	1140
cggactctac tctttgagca ctgtgttgg cctgtatgtt gtcaagaaga catcttccag	1200
ttactccttg accaccctga cctgtgcctg ttaacctttt atggcttgc cgagtcaag	1260
ttcaggttca cggatcgtga acgccactgc tccccgaccc accccaccc tgcacccatc	1320

ctgctttca actttctgca gggcaacctg ctgaagaatg cccgcaaggt ggtgaccagc 1380
cgtccggccg ctgtgtcgcc gttctcagg aagtacatcc gcaccgagtt caacctcaag 1440
ggtttcttg aacagggcat cgagctgtac ctgaggaagc gccatcatga gccccgggtg 1500
gcggaccgcc tcatccgcct gctccaagag acctcagccc tgcacggttt gtgccacctg 1560
cctgtttctt catggatggt gtccaaatgc caccaggaac tggatgtca ggaggggggg 1620
tccccaaaga ccaactacaga tatgtacctg ctgattctgc agcattttct gctgcattgc 1680
accccccag actcagcttc ccaaggtctg ggaccaggc ttcttcgggg ccgcctcccc 1740
acccttctgc acctggggcag actggctctg tggggctgg gcatgtgtcg ctacgtgttc 1800
tcagccccgc agctccaggc agcacaggc agccctgtatc acattttctt tggcttctcg 1860
gtgcgtgcca aagggtgtcggt gccaggaggat acggccccc tggaaattctt tcacatca 1920
ttccagtgtcttttgcgc gttctacctg gcaactcgtt ctgatgtgcc accagtttg 1980
ctcagacacc tcttcaatttggcaggcca ggcaactcac caatggccag gtcctgccc 2040
acgatgtgca tccaggcctc ggagggaaag gacagcagcg tggcagctt gtcgcagaag 2100
gccgagccgc acaaccttca gatcacagca gcttctgg cagggtgtt gtccggggag 2160
cactggggcc tgctggctga gtgcagaca tctgagaagg ccctgctccg gcccaggcc 2220
tgtgcccgtt ggtgtctggc ccgcagccctc cgcaagcact tccactccat cccggccact 2280
gcaccgggtg aggccaagag cgtgcattgc atgcccgggt tcattttgtt catccggagc 2340
ctgtacgaga tgcaggaggaa gcccggctt ccgttgcgtt gtcgcaggcc 2400
cacctcaagt tgacattttgc cgtgtggcccccactgtt gtcgcaggcc 2460
ctgcagcacc tccggcggcc cgtggccctg cagctggact acaactctgt gggtgacatt 2520
ggcgtggagc agctgtgccttgc gtcgttgcagg ctctgtatcc gtcgcataac 2580
aatatctcag accgaggcat ctgcaagctc attgaatgtt ctcttcactg cgagcaattt 2640
cagaagtttgc ctcttatttca caacaaatttgc actgacggctt gtcgcacactc catggctaa 2700
ctccttgcatttgc gcaaggcagaa cttttggca ttgaggctgg ggaataacta catcactgccc 2760
ggggggccca aagtgtggc cgaggggctc cgaggcaaca ctccttgc gttcctggga 2820
ttctggggca acagagtggg tgacgagggg gcccaggccc tggctgaagc ctgggtgtat 2880
caccagact tgagggtggctt cagctgggtt gggaaacaaca ttggcagtgtt ggggtggccaa 2940
gccttggcac tgatgtggc aaagaacgtc atgctagaag aactctgcctt ggaggagaac 3000
catctccagg atgaagggtgtt atgttctctc gcagaaggac tgaagaaaaa ttcaagtttgc 3060
aaaatccatgtt ggttgccttcaaa taactgcatttcc acctacccatggcagaagc ctcctgcag 3120

cccccttggaaa ggaatgacac catcctggaa gtctggctcc gagggAACAC tttctctcta	3181
gaggaggtg acaagctcg ctgcaggac accagactct tgctttgaag tctccggag	3241
gatgttcgtc tcagttgtt tgtgacggg ctgtgagttt gggccccaga ggctgggtga	3301
catgtgttgg cagcctcttc aaaatgagcc ctgtcctgcc taaggctgaa cttgtttct	3361
gggaacacca taggtcacct ttattctggc agaggaggga gcatcagtgc cctccaggat	3421
agactttcc caagcctact tttgccattt acttcttccc aagattcaat cccaggatgt	3481
acaaggacag cccctccccc atagtatggg actggcctct gctgatccctc ccaggcttcc	3541
gtgtgggtca gtggggccca tggatgtgct tgtaactga gtgcctttt gttggagggc	3601
ccggcccttc acaaaagacc ctttaccact gctctgatga agaggagtac acagaacaca	3661
taattcagga agcagcttc cccatgttcc gactcatcca tccaggccat tccccgtctc	3721
tggttccccc cttccctctg gactcctgca cacgctcctt cctctgaggc tgaaattcag	3781
aatattatgt acctcagctt tgatattca ctacagcac ccccaaccct ggcacccagg	3841
gtgggaaggg ctacacccctt gcctgcctc cttccgggtt ttaagacat ttttggaaagg	3901
ggacacgtga cagccgtttt ttcccaaga cattcttaggt ttgcaagaaa aatatgacca	3961
cactccagct gggatcacat gtggactttt atttccagtg aaatcagttt ctcttcagtt	4021
aaggccttgg aaacagctcg actttaaaaa gctccaaatg cagctttaaa aaattaatct	4081
ggggcagaat ttcaaacggc ctcacttaggc ttctgggttga tgcctgtgaa ctgaactctg	4141
acaacagact tctgaaatag acccacaaga ggcagttcca tttcatttgtt gccagaatgc	4201
tttaggatgt acagttatgg attgaaagtt tacaggaaaa aaaatttaggc cgttccctca	4261
aagcaaatgt cttccctggat tattcaaaat gatgtatgtt gaagcctttt gaaattgtca	4321
gatgctgtgc aaatgttattt attttaaaca ttatgtatgtg tgaaaactgg ttaatattta	4381
taggtcacctt tgtttactg tcttaagttt atactctt atagacaacatg gccgtgaact	4441
ttatgctgta aataatcaga gggaaataaa ctgttgatgc aaaac	4486

Figure 11

SEQ ID NO:33

Nod2 cDNA sequence

gtagacagat ccagggcac cagtcctgtg ccactggct tttggcggtc tgacacaaggc	60
ctacccgcag atgccccatgcc tgctccccca gcctaatggg ctttgcgtggg ggaagagggt	120
ggttcagcct ctcacgatga ggaggaaaga gcaagtgtcc tcctcgacata ttctccgggt	180
tgtgaaatgt gctcgagga ggctttcag gcacagagga gccagctggc cgagctgctg	240
gtctcagggt cccttggagg cttcgagagt gtcctggact ggctgtgtc ctggagggtc	300
ctctcctggg aggactacga gggcttccac ctctggcc acgcctcttc ccacttggcc	360
aggcgccttc tggacaccgt ctggaaataag ggtacttggg cctgtcagaa gctcatcgcg	420
gctgcccag aagcccaggc cgacagccag tcccccaagc tgcatggctg ctgggacc	480
cactcgctcc acccagcccg agacctgcag agtcaccggc cagccattgt caggaggctc	540
cacagccatg tggagaacat gctggacctg gcatgggagc ggggttctgt cagccagtat	600
gaatgtgtat aaatcagggtt gccgatctc acaccgtccc agaggcag aaggctgttt	660
gatcttgcca cggtaaaagc gaatggattt gctgccttcc ttctacaaca tgttcaggaa	720
ttaccagttcc cattggccct gcctttggaa gctgccacat gcaagaagta tatggccaag	780
ctgaggacca cggtgtctgc tcagtcgc ttctcagta cctatgtatgg agcagagacg	840
ctctgcctgg aggacatata cacagagaat gtcctggagg tctggcaga tgtggcatg	900
gctggacccc cgcagaagag cccagccacc ctgggcctgg aggagcttt cagcacccct	960
ggcacccctca atgacgtgc ggacactgtg ctgggtgtgg gtgaggcgccc cagtggcaag	1020
agcacgctcc tgcagcggct gcacttgctg tgggtgcag ggcaagactt ccaggaattt	1080
ctctttgtct tcccatcag ctggccggcag ctgcagtgc tggccaaacc actctgtg	1140
cggactctac tcttgagca ctgctgttgg cctgatgttgc gtcaagaaga catcttccag	1200
ttactccttg accaccctga cctgtcctgt ttaaccttg atggcttgc cgagttcaag	1260
ttcaggttca cggatcgtga acgccactgc tccccgaccc accccacccctc tgccagacc	1320

ctgctttca accttctgca gggcaacctg ctgaagaatg cccgcaaggt ggtgaccagc	1380
cgtccggccg ctgtgtcgcc gttcctcagg aagtacatcc gcaccgagtt caacctcaag	1440
ggcttctctg aacagggcat cgagctgtac ctgaggaagc gccatcatga gcccgggtg	1500
gcccggccg tcatccgcct gctccaagag accteagccc tgacgggtt gtgcacaccc	1560
cctgtttct catggatggt gtccaaatgc caccaggaac tggatgtca ggaggggggg	1620
tccccaaga acaactacaga tatgtacctg ctgattctgc ageatttct gctgcatgcc	1680
accccccag actcagctc ccaaggctcg ggaccaggctt ttcttcgggg ccgcctcccc	1740
acccctctgc acctggcag actggctctg tggggctgg gcatgtgctg ctacgtgttc	1800
tcagcccgac agctccaggc agcacaggc acggctgtatc acattttct tggcttcctg	1860
gtgcgtgcca aagggtgtcggt gcccgggggtt acggggcccc tggatttcct tcacatca	1920
ttccagtgct tcttcgcgc gttctacctg gcactcagtg ctgatgtgcc accagcttg	1980
ctcagacacc tcttcatttgc tggcaggcca ggcaactcac caatggccag gtcctgccc	2040
acgatgtgca tccaggcctc ggagggaaag gacagcagcg tggcagctt gtcagaag	2100
gccgagccgc acaacccatca gatcacagca gccttcctgg caggctgtt gtcccccggag	2160
cactggggcc tgcggctga gtgcagaca tctgagaagg ccctgctccg gcccaggcc	2220
tgtgcccgtt ggtgtctggc ccgcagcctc cgcaaggact tccactccat cccggccagct	2280
gcaccgggtg aggccaagag cgtgcattcc atgcccgggt tcatctggct catccggagc	2340
ctgtacgaga tgcaggagga gcccggctt cggaggctg cacgtggctt gaatgttggg	2400
cacccatcaatgt tgacattttgc cagtttttttgc cccactgagt gtgcgtccctt ggccttttg	2460
ctgcagcacc tccggcggcc cgtggccctg cagctggact acaactctgt ggtgacatt	2520
ggcgtggagc agtgcgtgcc ttgccttgggt gtctgcaagg ctctgtatcc ggcgtataac	2580
aatatctcag accgaggcat ctgcaagctc attgaatgtt ctcttcactg cgagcaattt	2640
cagaagtttag ctctattcaa caacaaatttgc actgacggct gtgcacactc catggctaa	2700
ctccttgcatttgcat gcaggcagaa cttcttggca ttgaggctgg ggaataacta catcactgccc	2760
gcggggccccc aagtgtggc cgaggggctc cgaggcaaca cctccttgc gttccctgggaa	2820
ttctggggca acagagtggg tgacgggggg gcccaggccc tggctgaagc cttgggtgtat	2880
caccagagct tgaggtggct cagcctgggtt gggacaaca ttggcagttt ggggtccccaa	2940
gccttggcac tgcgtgtggc aaagaacgtc atgctagaag aactctgcctt ggaggagaac	3000
catctccagg atgaaggtgt atgttctctc gcagaaggac tgaagaaaa ttcaagtttgc	3060
aaaatccatca agttgtccaa taactgcatttgc acctacccatggcagaagc cctcctggcag	3120

gccccttggaaa ggaatgacac catccttggaa gtctggctcc gagggAACAC tttctctcta	3181
gaggagggttgc acaagctcggtt ctgcaggggac accagactct tgctttgaag tctccggggag	3241
gatgttcgtc tcagttttttgtt tgtgagcagg ctgtgagttt gggccccaga ggctgggtga	3301
catgtgttgg cagcccttcc aaaatgagcc ctgtcctgcc taaggctgaa cttgtttct	3361
ggaaacacca taggtcacct ttattctggc agaggaggaa gcatcagtgc cctccaggat	3421
agactttcc caagcctact tttgccatttgc acttcttccc aagattcaat cccaggatgt	3481
acaaggacag cccctccctcc atagttatggg actggcctct gctgatcctc ccaggcttcc	3541
gtgtgggtca gtggggccca tggatgtgct tgtaactga gtgccttttgcgttggagggc	3601
ccggccctctc aaaaaagacc ctttaccact gctctgtatga agaggagtac acagaacaca	3661
taattcagga agcagcttcc cccatgtctc gactcatcca tccagccat tccccgtctc	3721
tggttctcc cctccctctg gactcctgca cacgctcctt cctctgagggc tgaaattcag	3781
aatatttagtg acctcagctt tgatatttca cttacagcac ccccaaccctt ggcacccagg	3841
gtgggaagggttgc ctacacccat tttccgggttgc tttaagacat ttttggaaagg	3901
ggacacgtga cagccgttttgc ttcccaaga cattcttaggt ttgcaagaaa aatatgacca	3961
cactccagct gggatcacat gtggactttt atttccagtg aaatcagtttca ctcttcagtt	4021
aaggcccttgg aaacagctcg actttaaaaaa gctccaaatg cagctttaaa aaatataatct	4081
ggggccagaat ttcaaaccggc ctcacttaggc ttctgggttgc tgccctgtgaa ctgaactctg	4141
acaacagact tctgaaatag acccacaaga ggcagttcca tttcatttgcgtt gccagaatgc	4201
tttaggatgt acatgttatgg attgaaagtt tacaggaaaaaaaatttaggc cgttccttca	4261
aagccaaatgt ctccctggat tattcaaaat gatgtatgtt gaagcctttgc taaattgtca	4321
gatgtgtgc aaatgttattt attttaaaca ttatgtatgtt tgaaaactgg ttaatattta	4381
taggtcaccc ttgtttactgtt cttaagttt atactcttta agacaacatg gccgtgaact	4441
ttatgtgtatgtt aataatcaga gggaaataaa ctgttgcgtt aaaaac	4486